

The Delphion Integrated View

Buy Now: [More choices...](#)Tools: Add to Work File: [Create new Work File](#)Vi w: INPADOC | Jump to: [Top](#)Title: **JP2001143749A2: ELECTROCHEMICAL ELEMENT INCLUDING NON-AQUEOUS ELECTROLYTE**

Country: JP Japan

Kind: A2 Document Laid open to Public inspection

Inventor: MAEDA KOICHIRO;
GOTO KUNIAKI;
YAMAMOTO AKIHISA;Assignee: [NIPPON ZEON CO LTD](#)[News, Profiles, Stocks and More about this company](#)Published / Filed: **May 25, 2001 / Nov. 19, 1999**Application Number: **JP1999000329043**IPC Code: **H01M 10/40;**Priority Number: **Nov. 19, 1999 JP1999000329043**

Abstract:

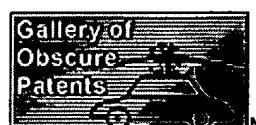
PROBLEM TO BE SOLVED: To provide new non-aqueous electrolyte having high safety as an electrochemical element including a non-aqueous electrolyte.

SOLUTION: In the electrochemical element including a non-aqueous electrolyte consisting of a positive and a negative electrode and a non-aqueous electrolyte dissolved by a non-aqueous solvent, the 0.05-50 weight % of a non-aqueous solvent is the electrochemical element including a non-aqueous electrolyte being combination indicated in a general formula 1 below. Rf1-CHnF2-n-CHmF2-m-RF2 (In the formula, Rf1, Rf2 each indicates perfluoroalkyl, it is preferable to form a ring by combining the Rf1 with the Rf2 each other, n is a positive integer of 0-2, m indicates 1 or 2).

COPYRIGHT: (C)2001,JPO

Family: None

Other Abstract Info: CHEMABS 134(26)369423Y CHEMABS 134(26)369423Y



Nominate

[this for the Gallery...](#)



(19)

(11) Publication number: **2001143749 A**

Generated Document.

PATENT ABSTRACTS OF JAPAN(21) Application number: **11329043**(51) Intl. Cl.: **H01M 10/40**(22) Application date: **19.11.99**

(30) Priority:

(43) Date of application publication: **25.05.01**

(84) Designated contracting states:

(71) Applicant: **NIPPON ZEON CO LTD**(72) Inventor: **MAEDA KOICHIRO
GOTO KUNIYAKI
YAMAMOTO AKIHISA**

(74) Representative:

(54) ELECTROCHEMICAL ELEMENT INCLUDING NON-AQUEOUS ELECTROLYTE**(57) Abstract:**

PROBLEM TO BE SOLVED: To provide new non-aqueous electrolyte having high safety as an electrochemical element including a non-aqueous electrolyte.

SOLUTION: In the electrochemical element including a non-aqueous electrolyte consisting of a positive and a negative electrode and a non-aqueous electrolyte dissolved by a non-aqueous solvent, the 0.05-50 weight % of a non-aqueous solvent is the electrochemical element including a non-aqueous electrolyte being combination indicated in a general formula 1 below. $Rf_1-CH_nF_2-n-CH_mF_2-m-Rf_2$ (In the formula, Rf_1 , Rf_2 each indicates perfluoroalkyl, it is preferable to form a ring by combining the Rf_1 with the Rf_2 each other, n is a positive integer of 0-2, m indicates 1 or 2).

COPYRIGHT: (C)2001,JPO

